



MOTORTRONICS™

Solid State AC Motor Control

Soft Starters for Conveyor Applications

VMX2 Soft Starter available
from 18 to 1250A
(up to 1200HP)

Precise Starting Torque Control
Reduce Mechanical Stress
Lower Maintenance Cost

**Standalone Soft Starters or
Packaged to customer specification**



Packaged Solutions & Standalone Soft-Starters



VMX-H



VMX2

Rugged Power Components

Inverse parallel paired SCRs
Auto-synchronizing Gate Firing method
500% 60sec Overload Capacity
1600V PIV rating

Line Voltage

200-600VAC 3 phase 50/60HZ

Current Rating

18-1250A (5HP to 1200HP)

AC Supply Voltage

120V Control Voltage (CPT included)

Ramp Control

Closed Loop Torque/Current Ramping
Voltage Ramp with Current Limit

Across the Line Start Capability

Fully Rated Bypass/Emergency Start Contactor
Full voltage/Softstart Selector Switch
Independent Overload Relay

Advanced Motor Protection

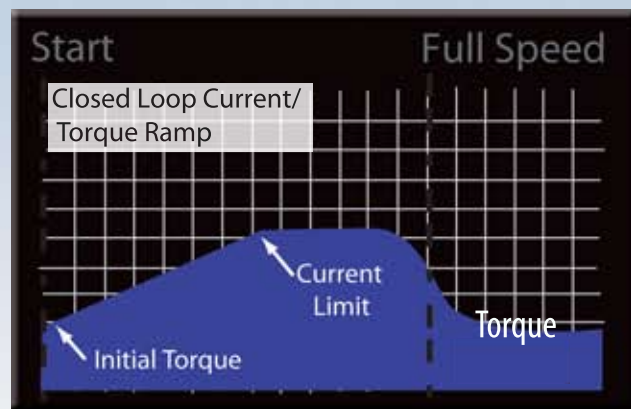
Retentive Thermal Memory
Dynamic Reset Capacity

Built-in Functions

Operator Interface
Ramp Control Choices (4 built-in), Dual Ramps, Jog Function
Kick Start Function, Pump-Flex Deceleration Ramp, Restart Delay Timer
Time Clock Controller, RS-485 Serial Communications

Closed Loop Torque /Current (CLT™)

This function provides a linear increase in output torque during acceleration. It maximizes the available torque using an internal PID feedback loop, insuring a smooth, linear ramp up to full speed.



USA HEADQUARTERS

Motortronics / Phasetronics

1600 Sunshine Drive
Clearwater, Florida 33765
USA

Tel: + 727-573-1819 / 888-767-7792

Fax: + 727-573-1803 / 800-548-4104

E-mail: sales@motortronics.com

www.motortronics.com

UNITED KINGDOM

Motortronics UK

Bristow House,
Gillard Way, Ivybridge,
Devon, PL21 9GG,
United Kingdom

Tel: +44 (0)1752-894554

www.motortronics-uk.co.uk

SOUTH KOREA

Motortronics Int'l Korea Co Ltd

#1607, 128 Gasan digital 1-ro,
Gasan digital 1-ro,
Geumcheon-gu,
Seoul 08507, Republic of Korea

Tel: 82-2-867-5808

Fax: 82-2-867-6004

www.motortronics-korea.com

CHINA

M & P Machinery & Electronics Control

Part of the Motortronics Group

32 Jiaxin Road,
Jimo,
Qingdao, China 266229

Tel: 86-532-81725028

Fax: 86-532-81725038

www.mp-cn.com

UNITED ARAB EMIRATES

Motortronics MEA, LLC

Sharjah Media City,
Sharjah,
United Arab Emirates

Tel: +1 971-50 763 4920

www.motortronics.com

PN: MT-CONVEYOR-080620